

1/19

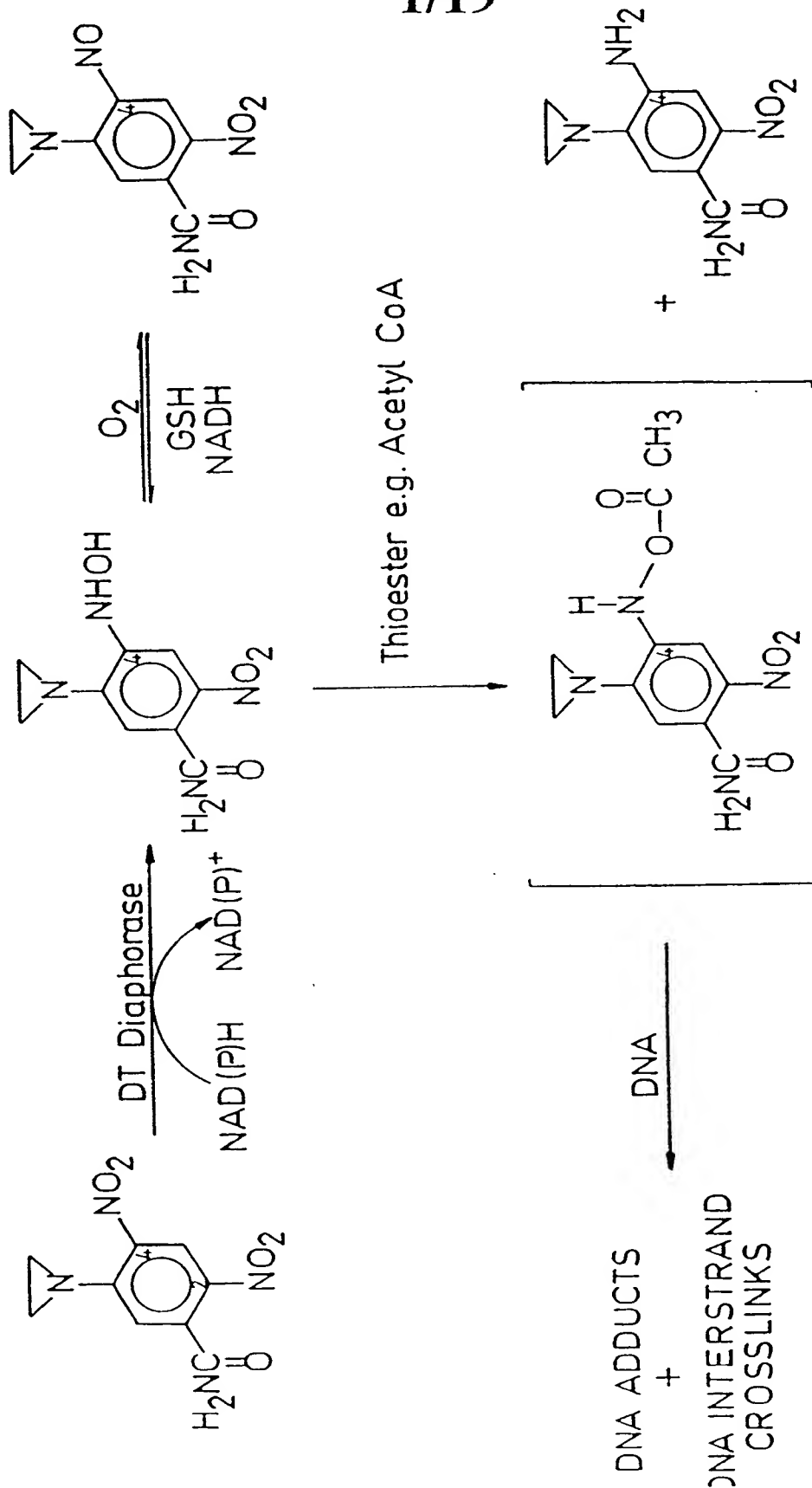
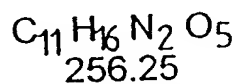
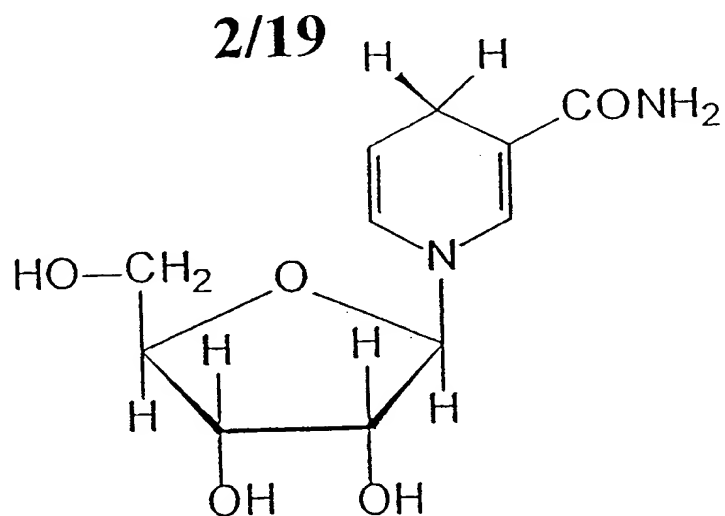


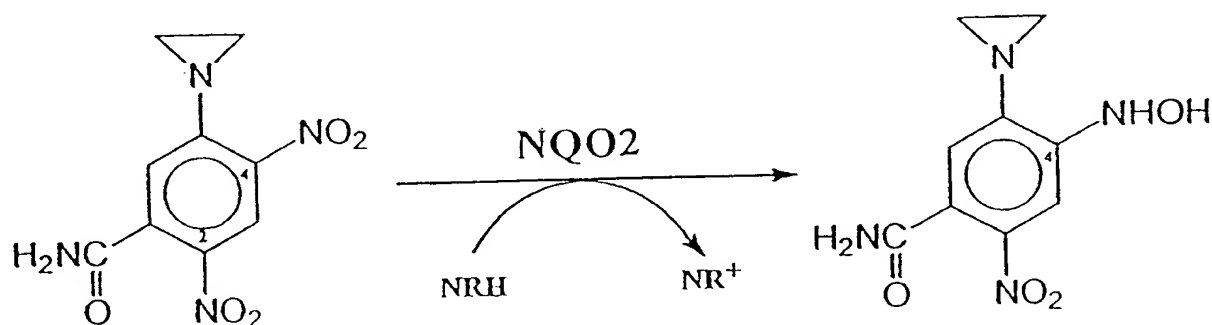
Fig. 1



256.25

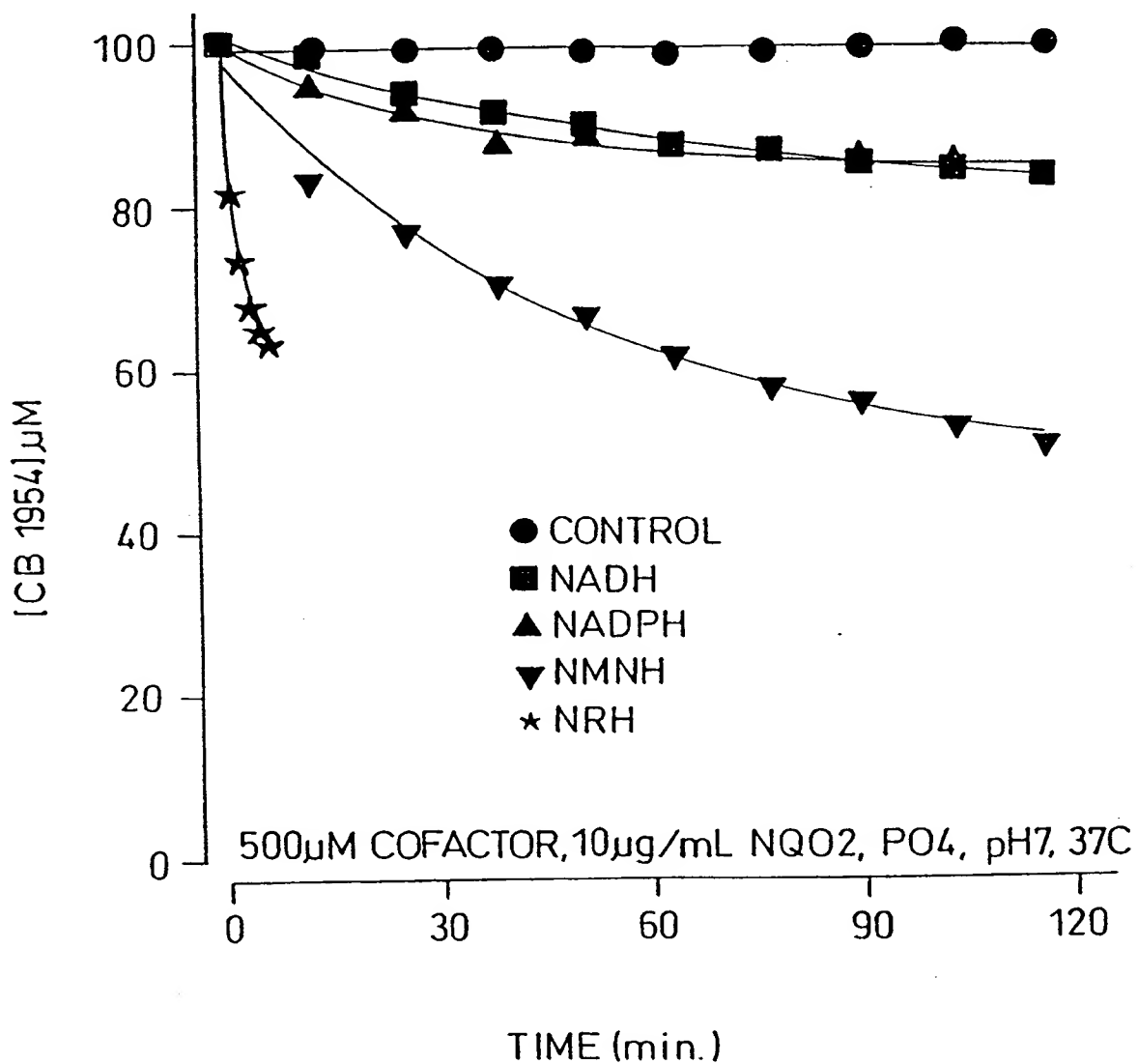
256.105921

C 51.6% H 6.3% N 10.9% O 31.2%

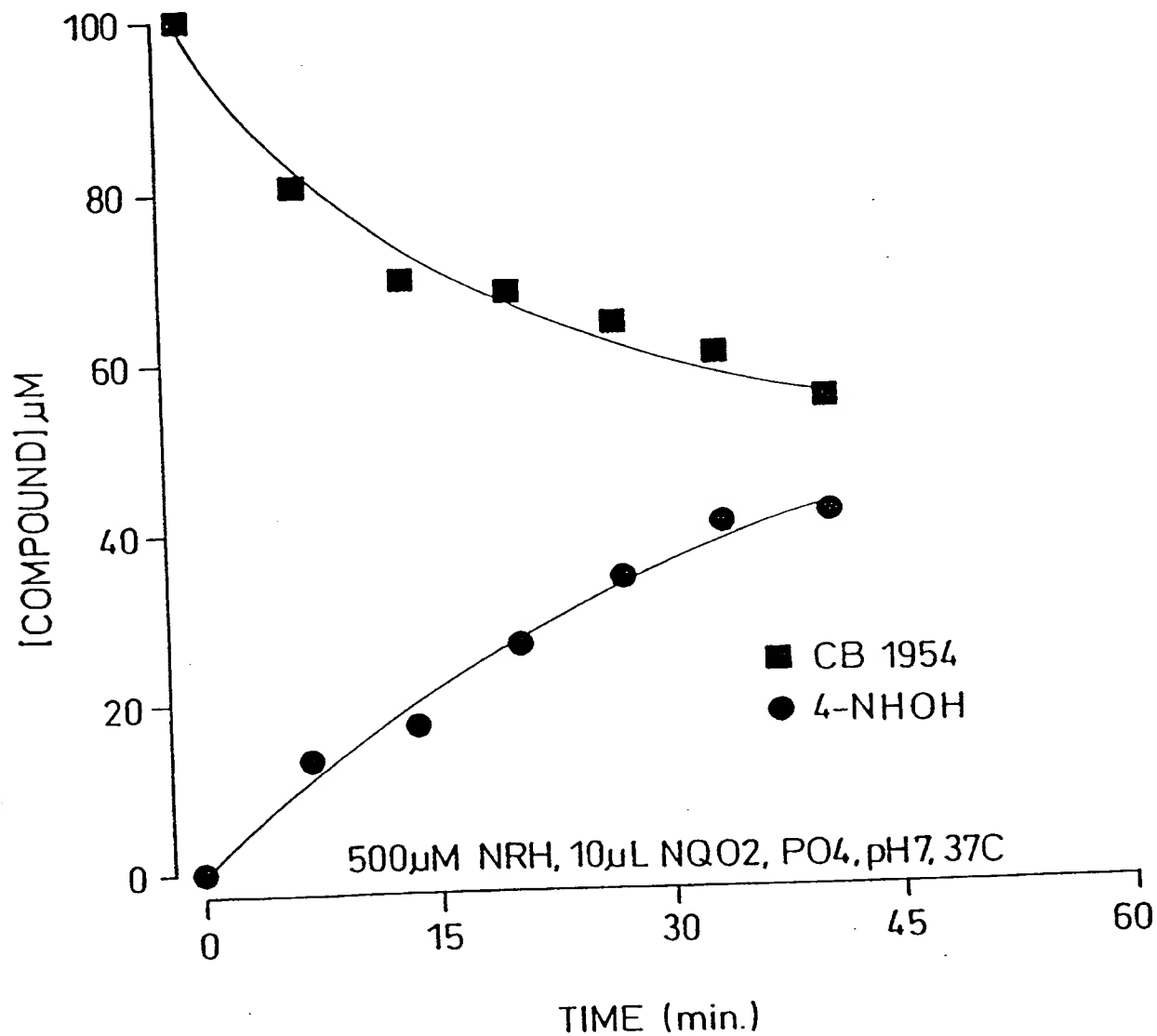
*Fig. 2**Fig. 3*

3/19

## REDUCTION OF CB1954 BY NQO2

*Fig. 4*

4/19

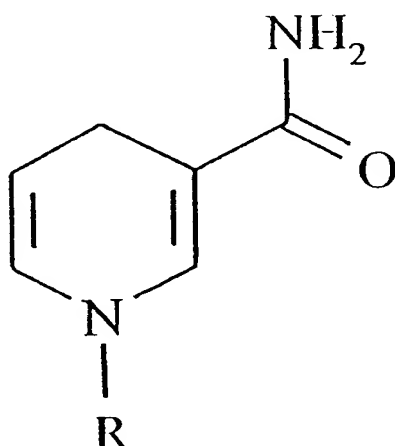
*Fig. 5*

5/19

B  
 245  
 ATGGCAGGTAAGAAAGTACTCATTGTCTATGCACACCCAGGAACCAAGTCTTCAACGGATCCTTGAAGA  
 M A G K K V L I V Y A H Q E P K S F N G S L K N  
 315  
 ATGTGGCTGTAGATGAACGTAGCAGGCGGCTGCACCGCTCACAGTGTCTGTATTTGATGCCATGAACCTT  
 V A V D E L S R Q G C T V T V S D L Y A M N F  
 385  
 TGAGCCGAGGGCCACAGACAAAGATATCATTGGTACTCTTTCTAATCCTGAGGTTTTCATATATGGAGTG  
 E P R A T D K D I T G T L S N P E V F N Y G V  
 455  
 GAAACCCACGAAGCCCTACAAAGCAAGGTCTCTGGCTAGCGACATCCTGATGAGCAGAAAAGGTTCCGGG  
 E T H E A Y K Q R S L A S D I T D E Q K K V R E  
 525  
 AGGCTGACCTAGTGATATTTCAGTTCCCGCTGTACTGGTTCAGCGTCCCGGCCATCCTGAAGGCTGGAT  
 A D L V I F Q F P L Y W F S V P A I L K G W M  
 595  
 GGATAGGGTGTGTGCCAGGGCTTTGCCCTTTGACATCCCGAGGATCTACGATTCCGGTTTGCTCCAGGGT  
 D R V L C Q G F A F D I P G F Y D S G L L Q G  
 665  
 AAACCTAGCGCTCCTTTCCGTAACCAACCGGAGGCGACGGCCGAGATGTACACGAAGACAGAGTCAATGGAG  
 K L A L L S V T T G G T A E M Y T K T G V N G D  
 735  
 ATTCTCGATACCTTCTGTGGCCACTCCAGCATGGCACATTACACTTCTGTGGATTAAAGTCTTGCCTCC  
 S R Y F L W P L Q H G T L H F C G F K V L A P  
 805  
 TCAGATCAGCTTTGCTCCTGAAATTGCATCCGAAGAAGAAAGGGATGGTGGCTGCGTGGTCCAG  
 Q I S F A P E I A S E E R K G M V A A W S Q  
 873  
 AGGCTGCAGACCATCTGGAAGGAAGAGCCCATCCCTGCACAGCCCACTGGCACCTTCGGGCAATAACT  
 R L Q T I W K E E P I P C T A H W H F G Q <

Fig. 6

6/19



Compound number

R

1	-CH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> SO <sub>3</sub> <sup>-</sup>
2	-CH <sub>2</sub> CONH <sub>2</sub>
3	-CH <sub>2</sub> CH <sub>2</sub> CH <sub>3</sub>
4	-CH(CH <sub>3</sub> ) <sub>2</sub>
5	-CH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> OH
6	-CH <sub>2</sub> CH <sub>2</sub> OH
7	-CH <sub>2</sub> CH <sub>2</sub> COOH
8	-CH <sub>2</sub> C <sub>6</sub> H <sub>5</sub>
9	-CH <sub>3</sub>
10	-CH <sub>2</sub> CH <sub>3</sub>
11	-CH <sub>2</sub> CH <sub>2</sub> C <sub>6</sub> H <sub>5</sub>

*Fig. 7*

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7/19

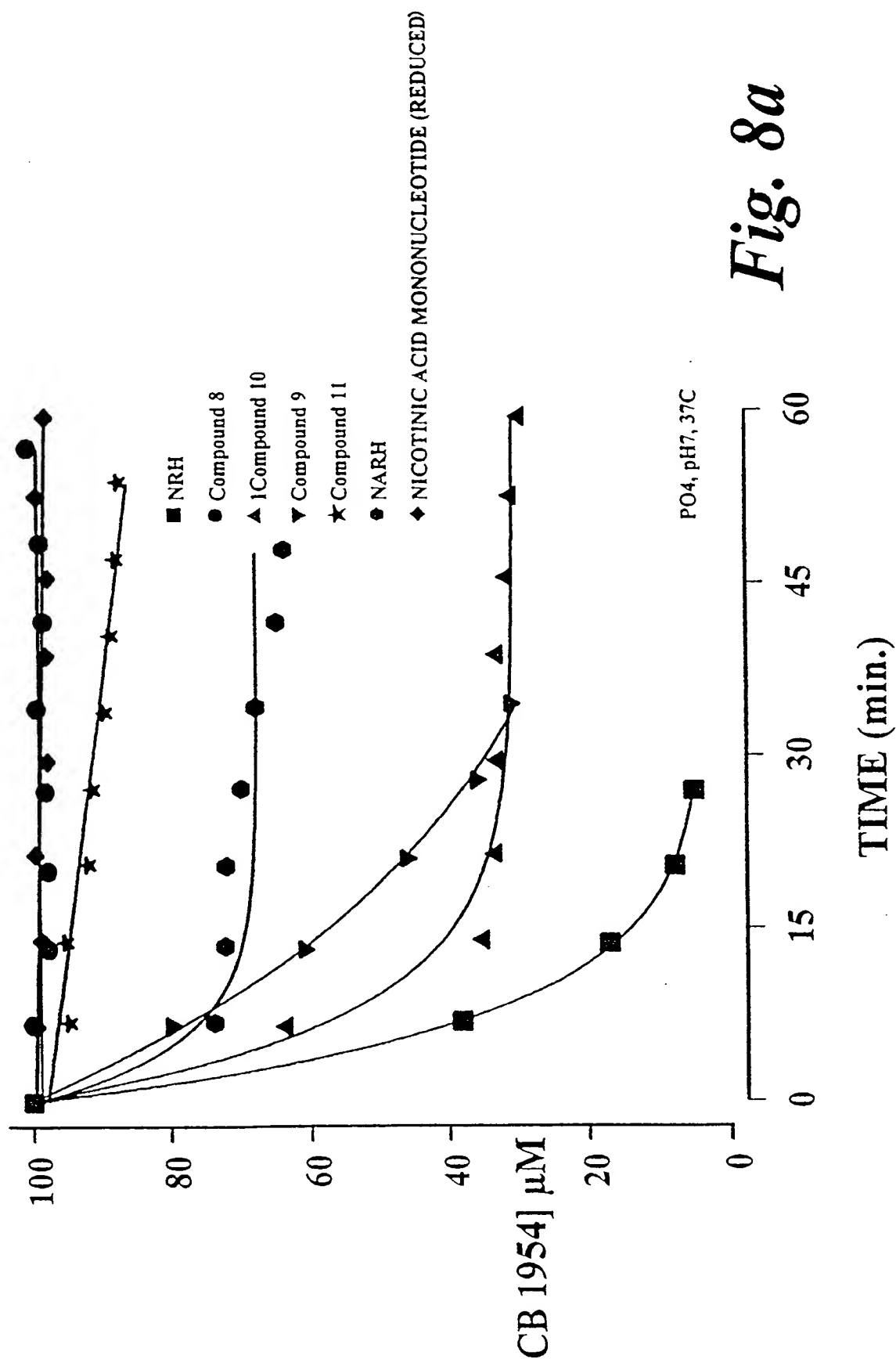
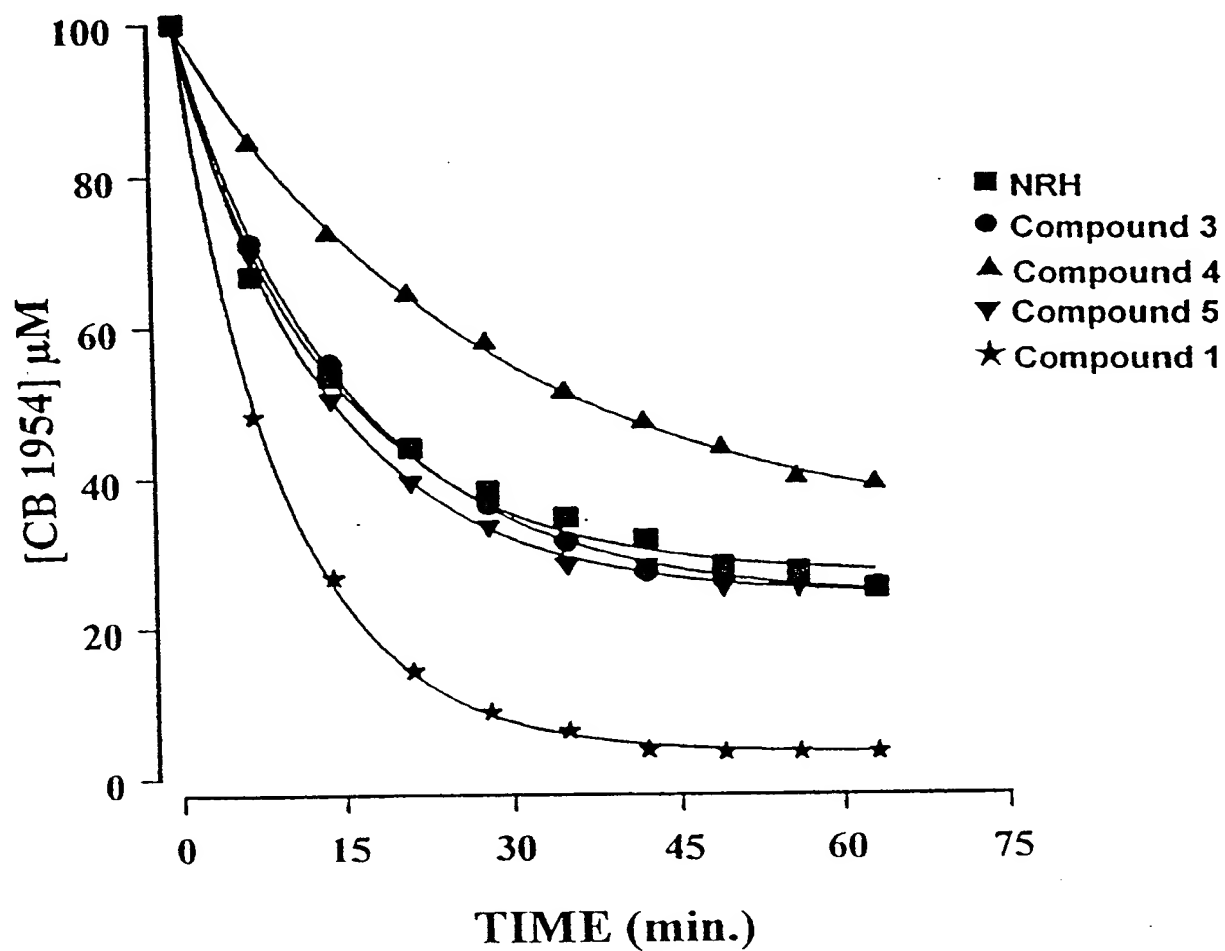


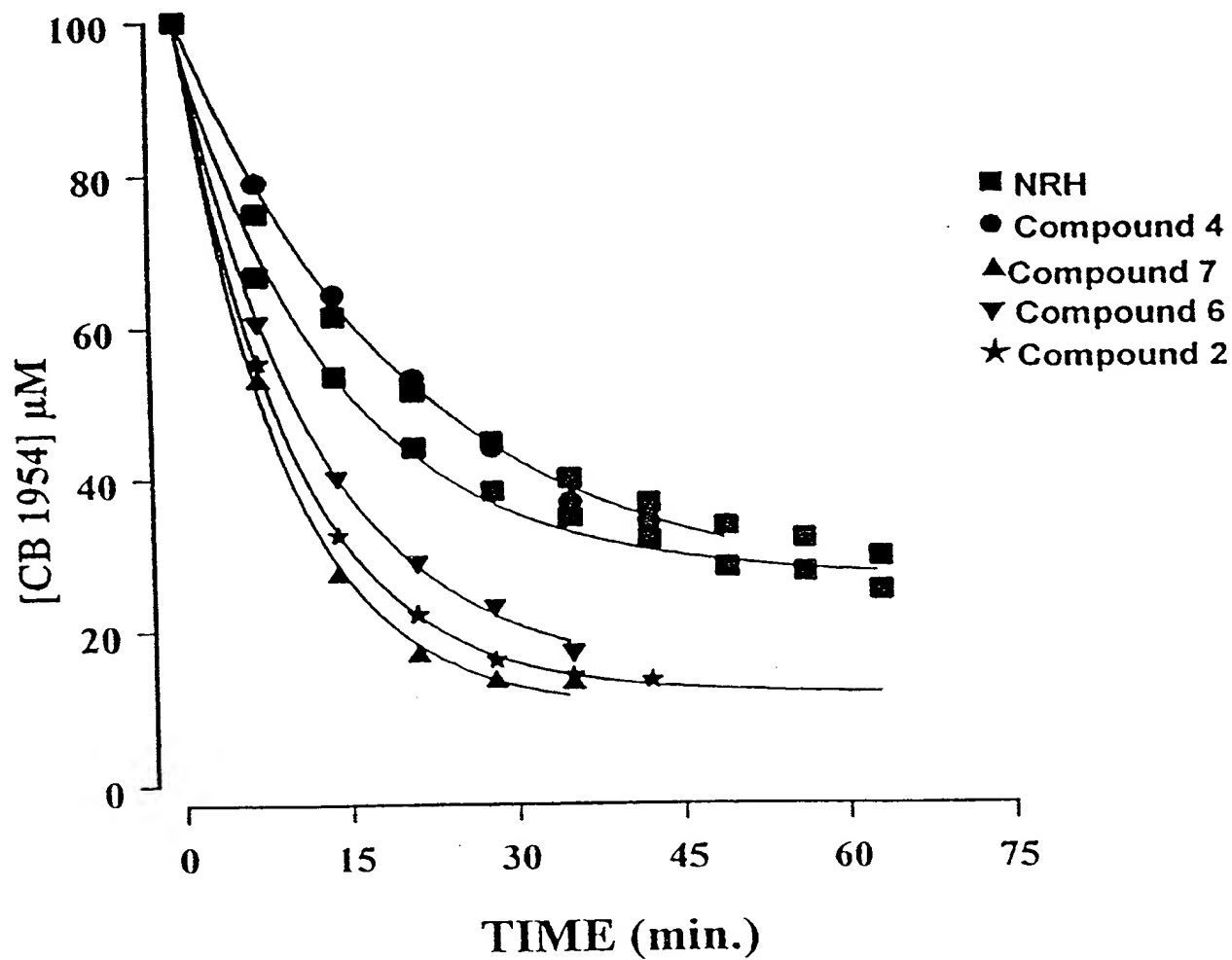
Fig. 8a

8/19

*Fig. 8b*

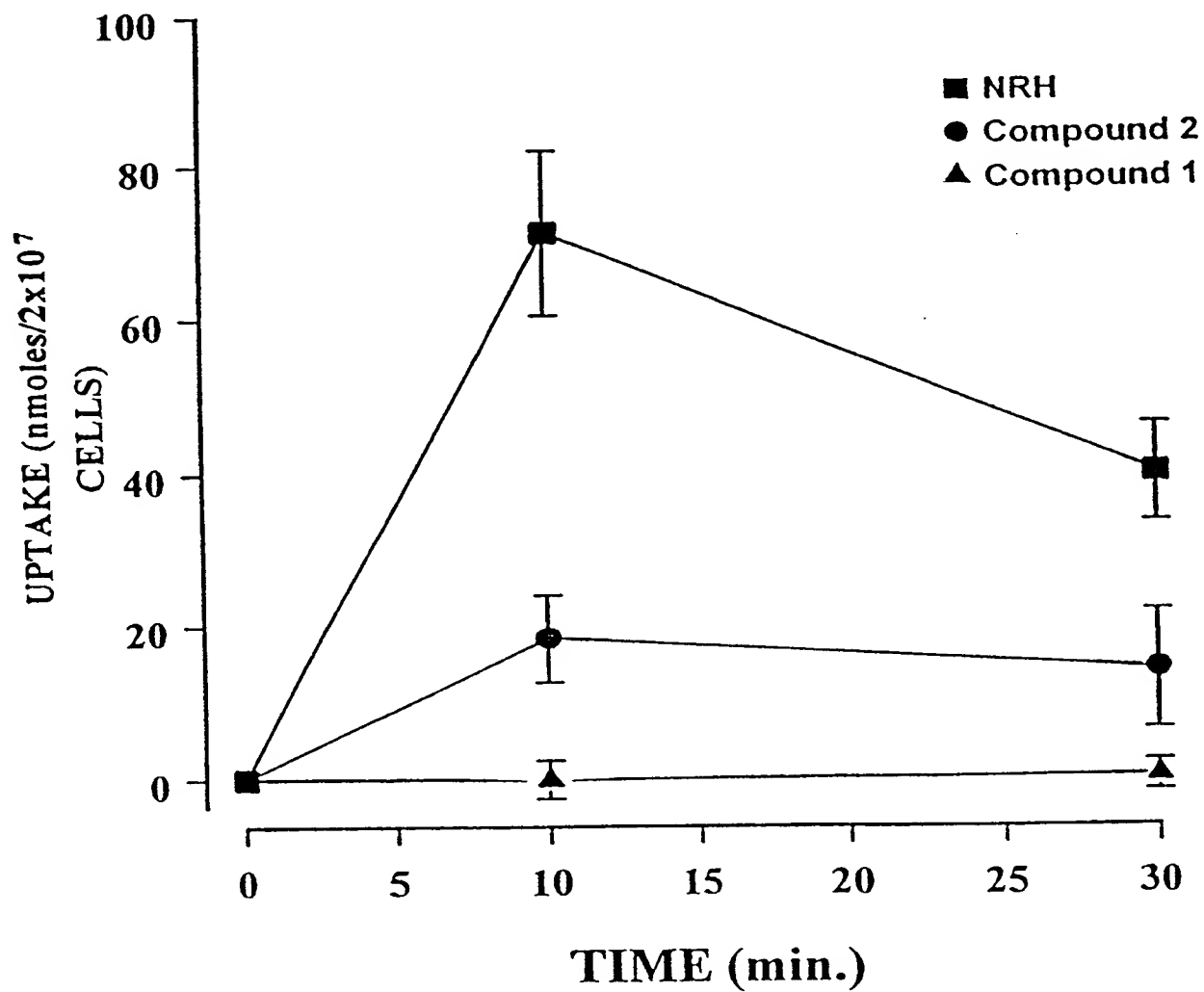


**9/19**

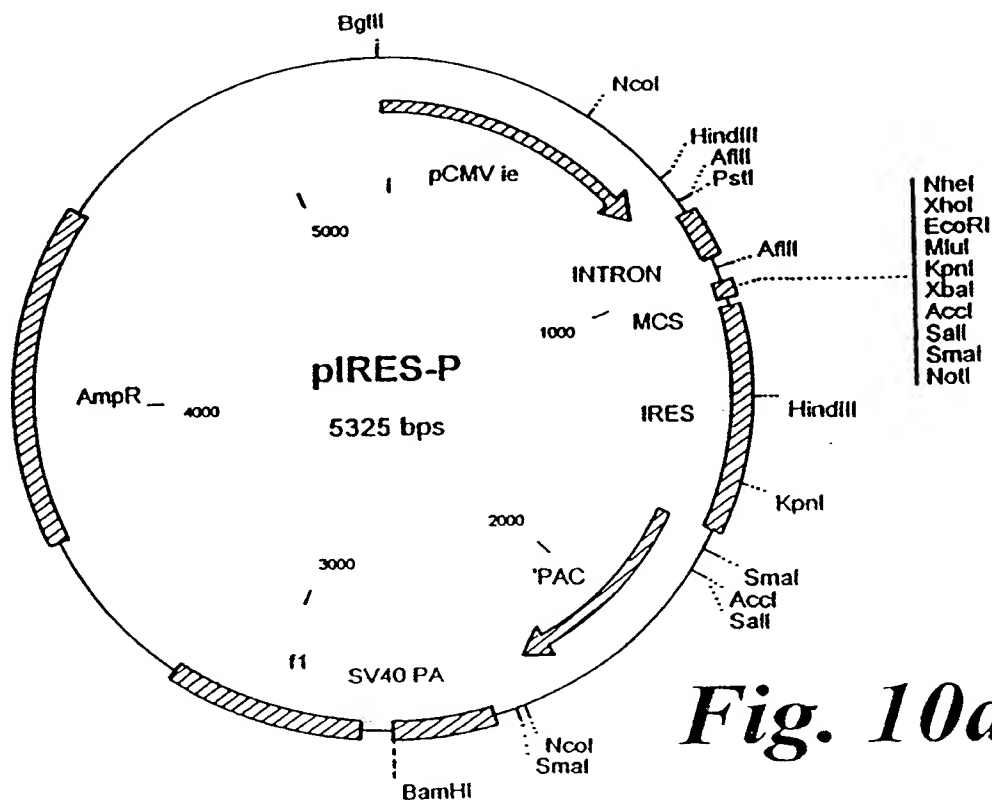


*Fig. 8c*

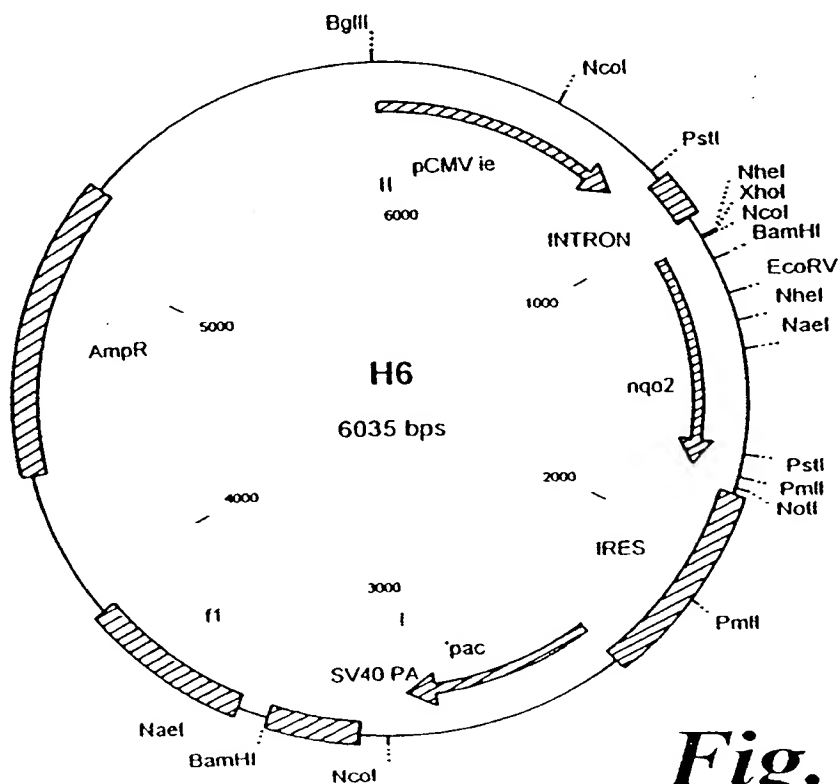
10/19

*Fig. 9*

11/19



*Fig. 10a*



*Fig. 10b*

12/19

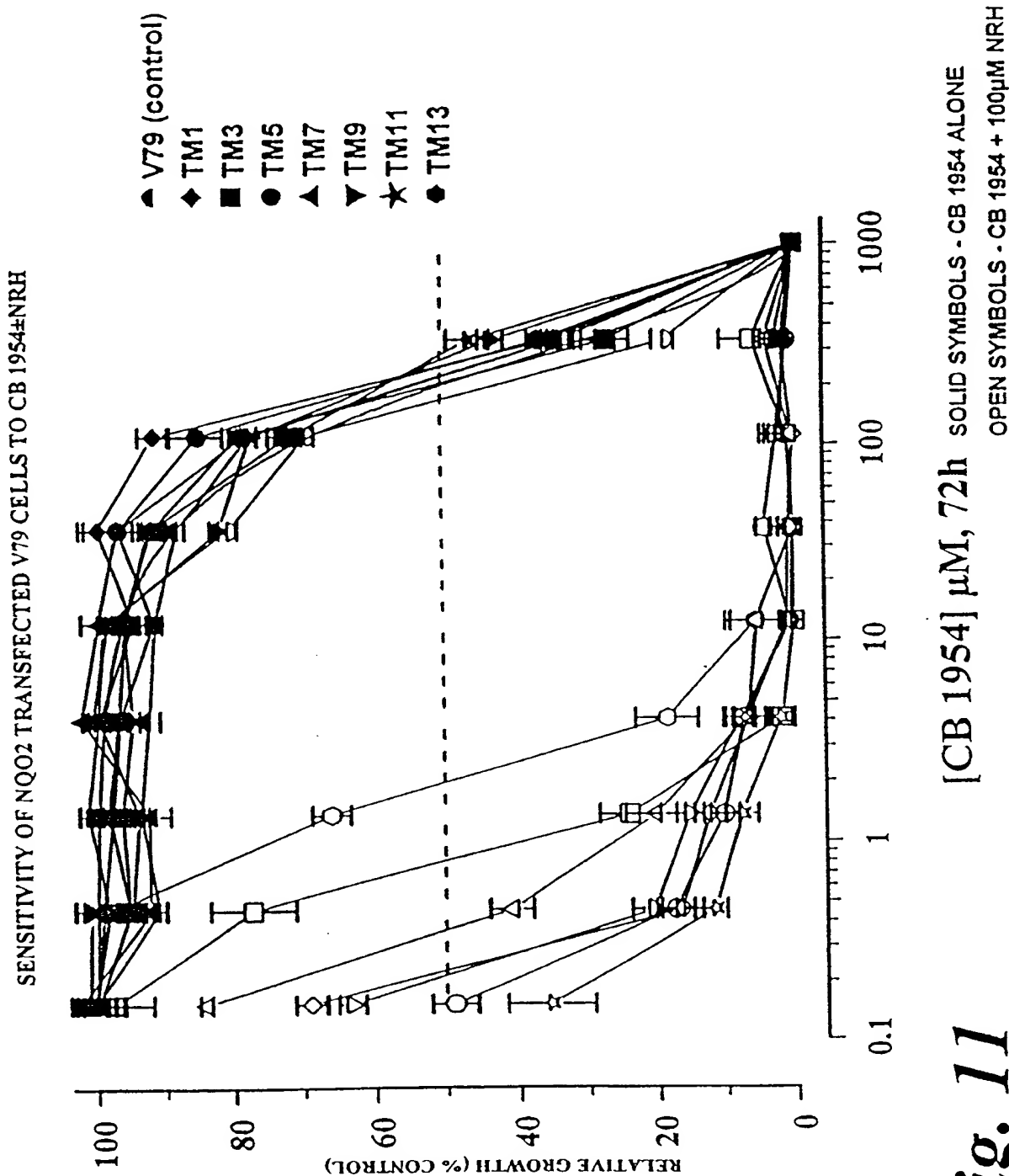


Fig. 11

13/19

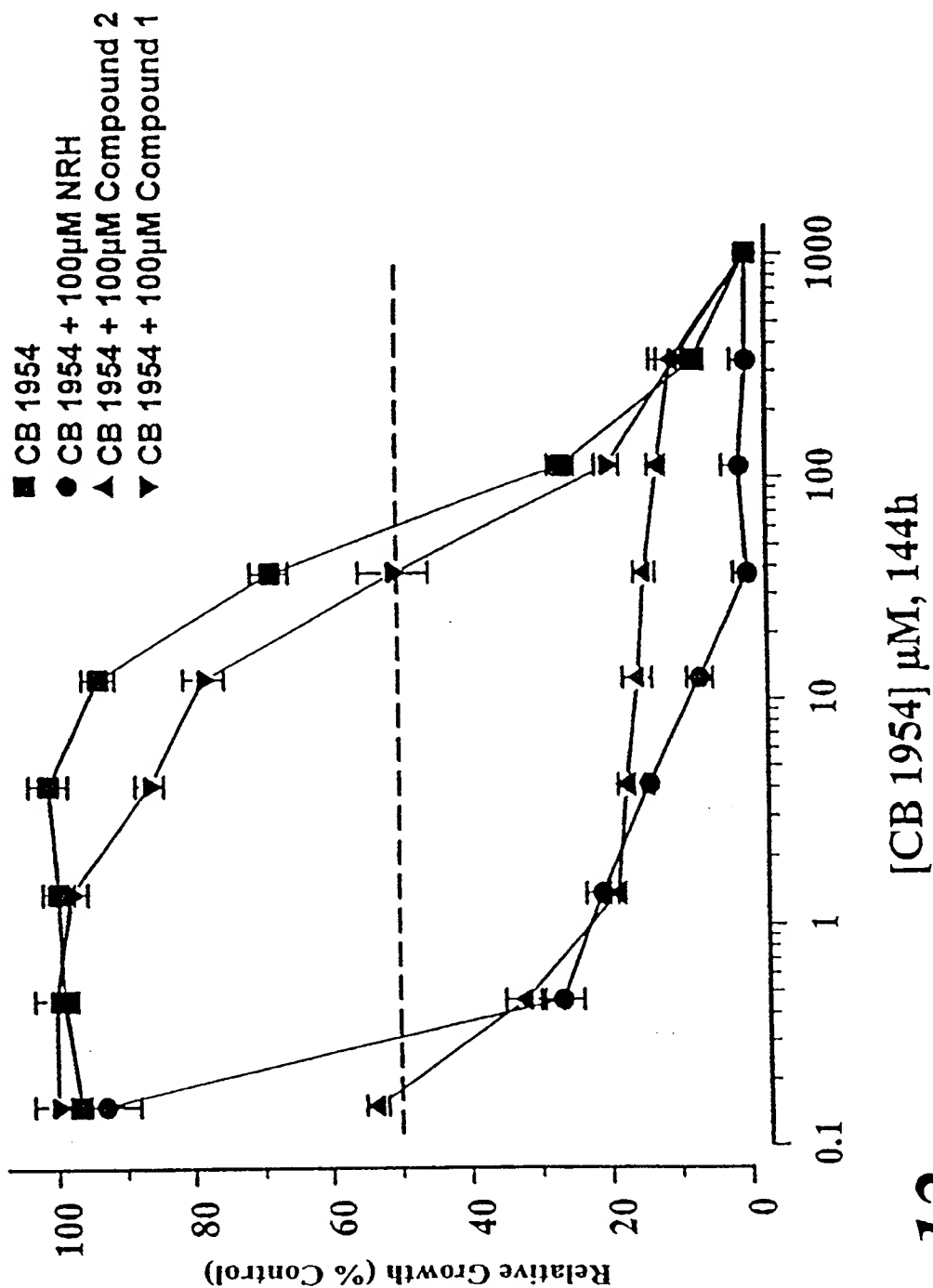


Fig. 12

14/19

25µg/mL RAT DT Diaphorase, 500µM CO-SUBSTRATE, PO4, pH7, 37C

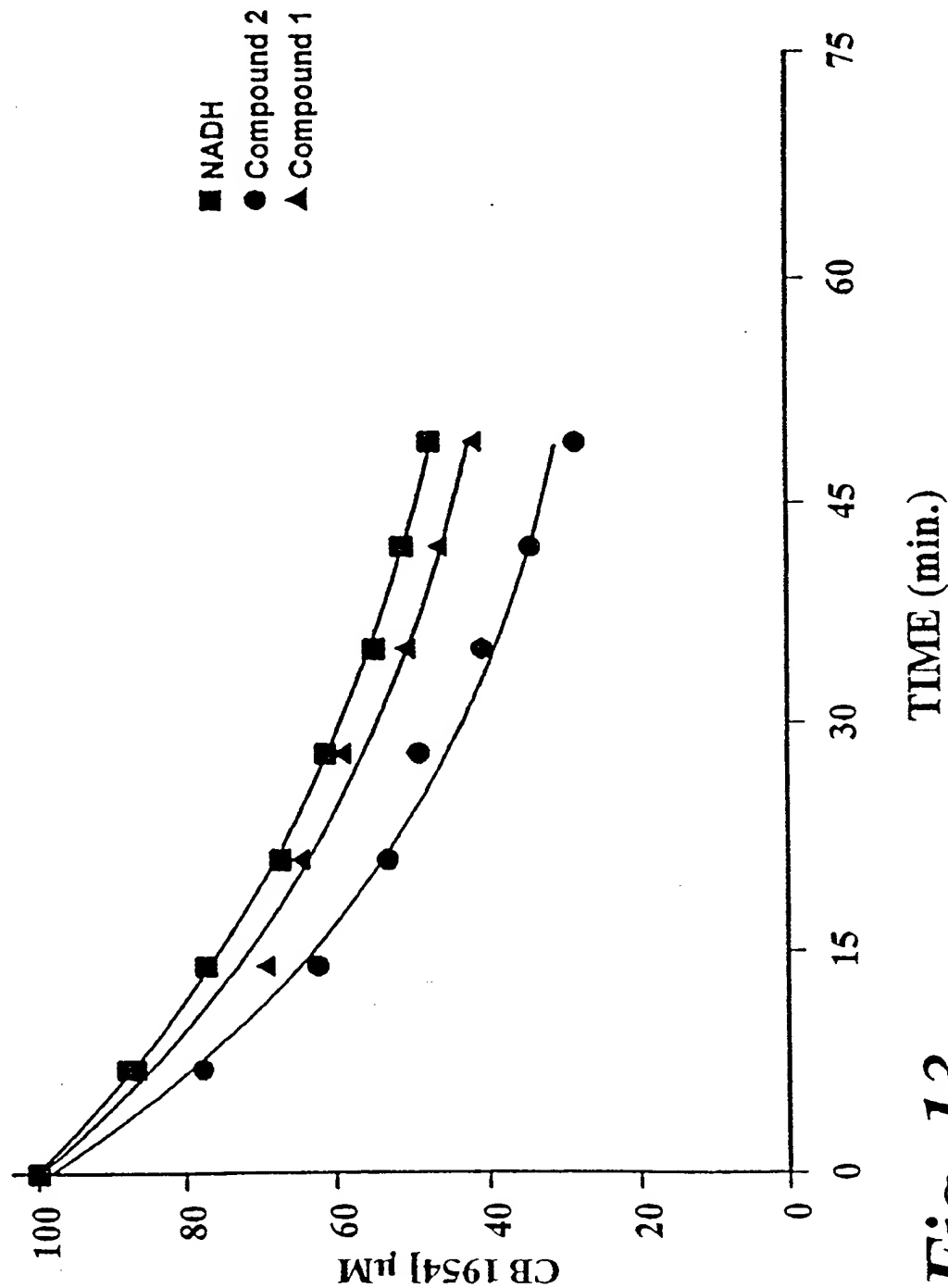


Fig. 13

15/19

0.5µg/mL Nitroreductase, 500µM CO-SUBSTRATE, PO4, pH7, 37C

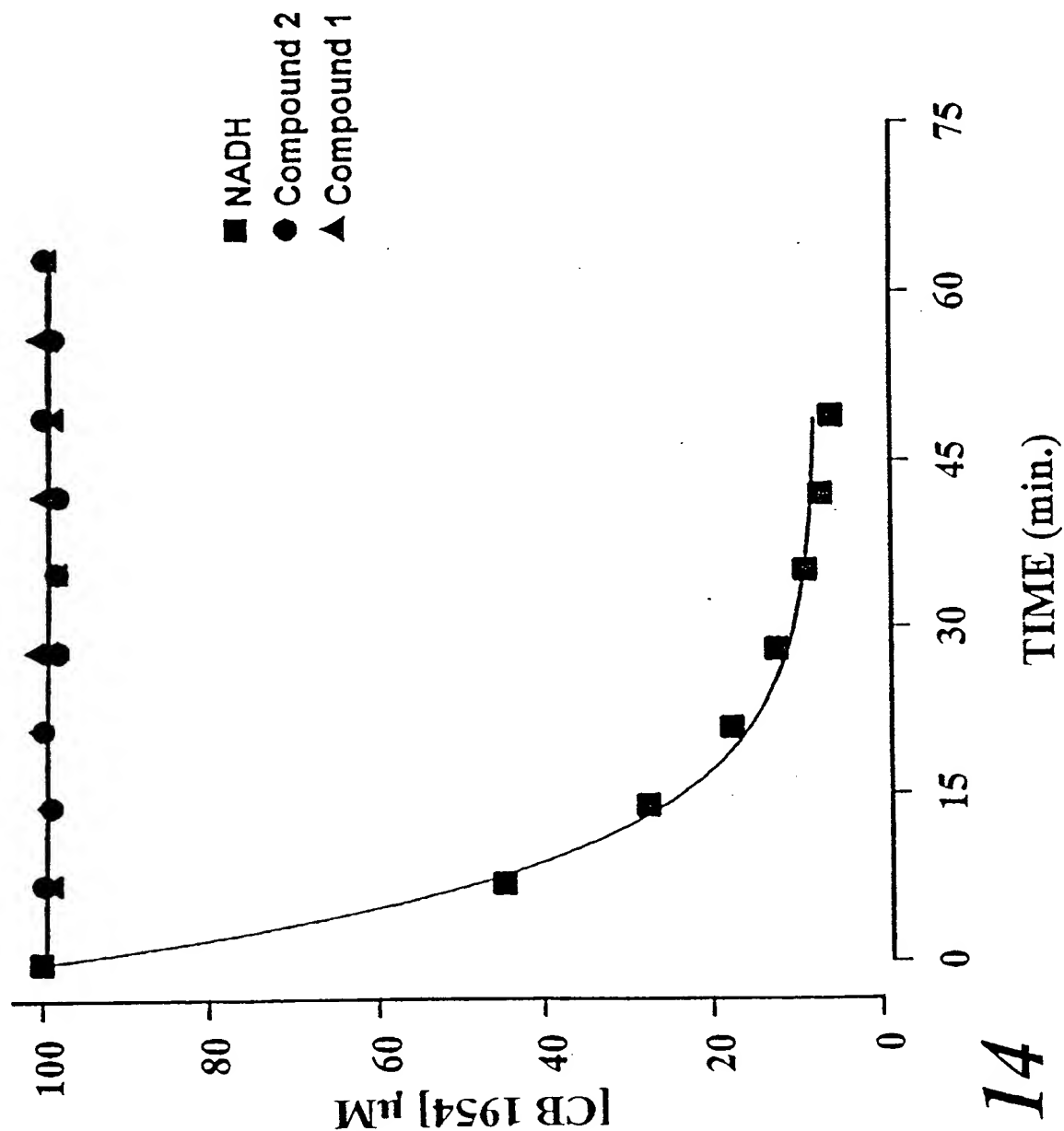
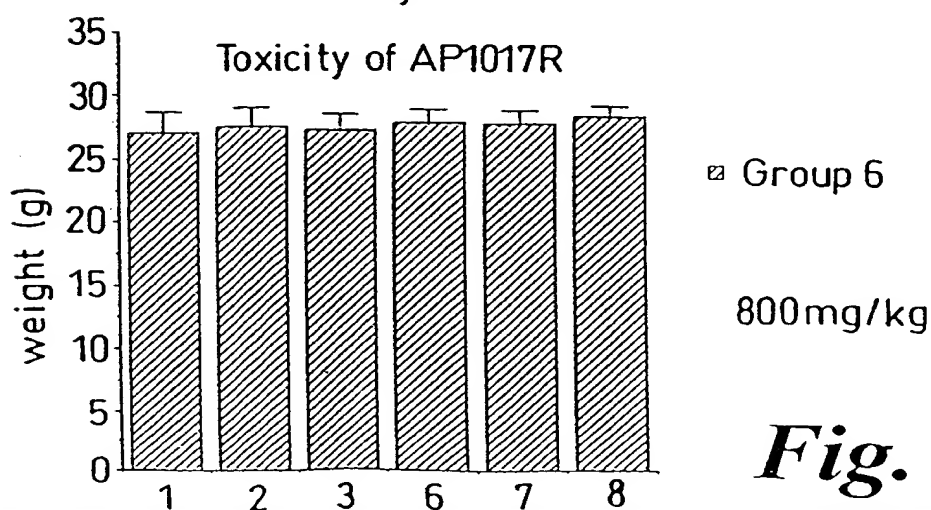
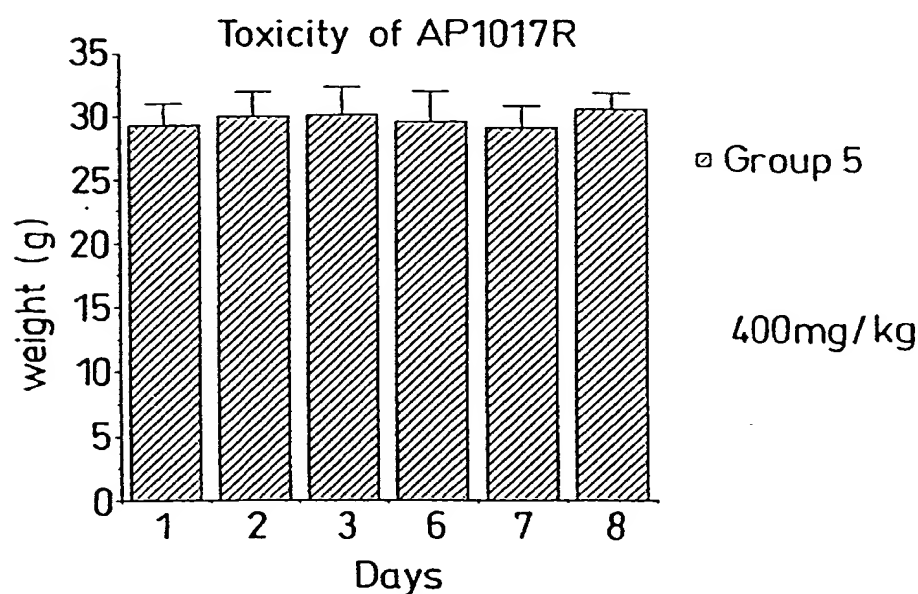
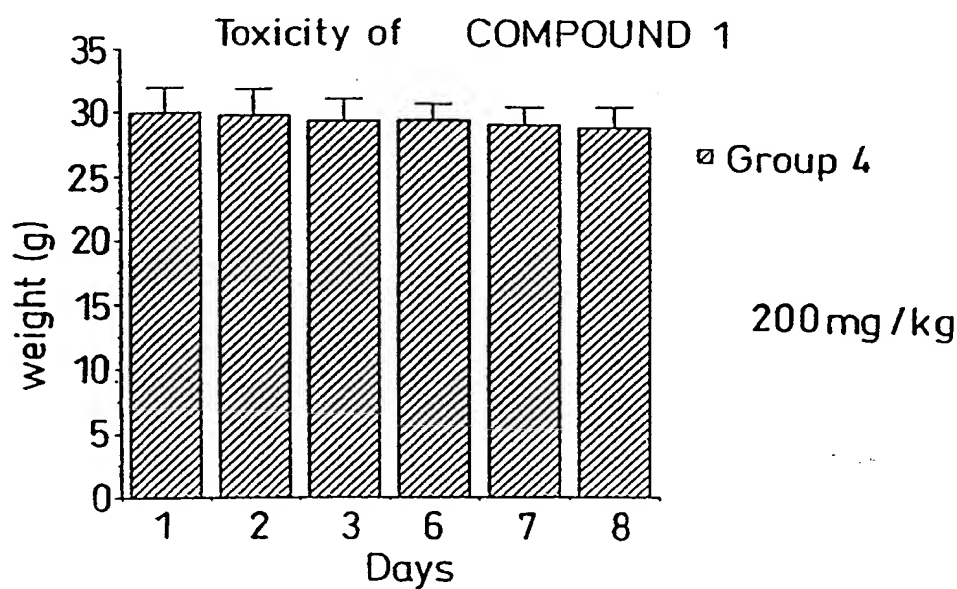
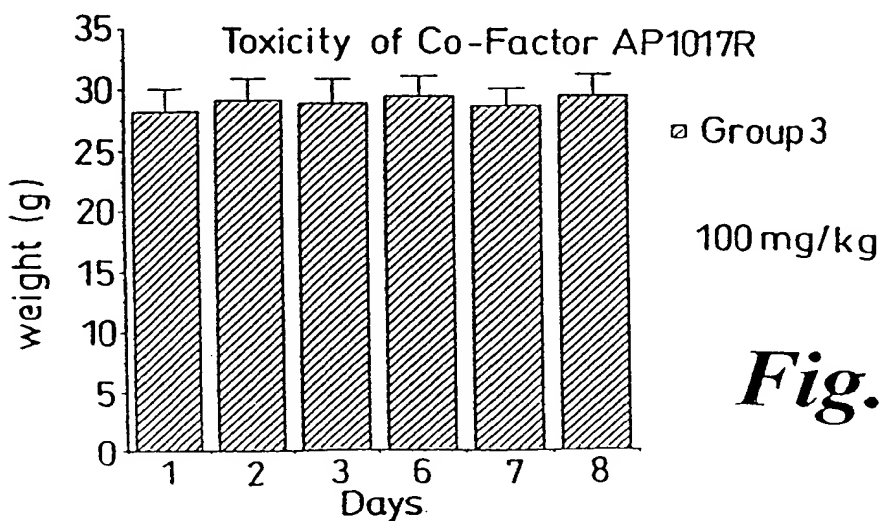
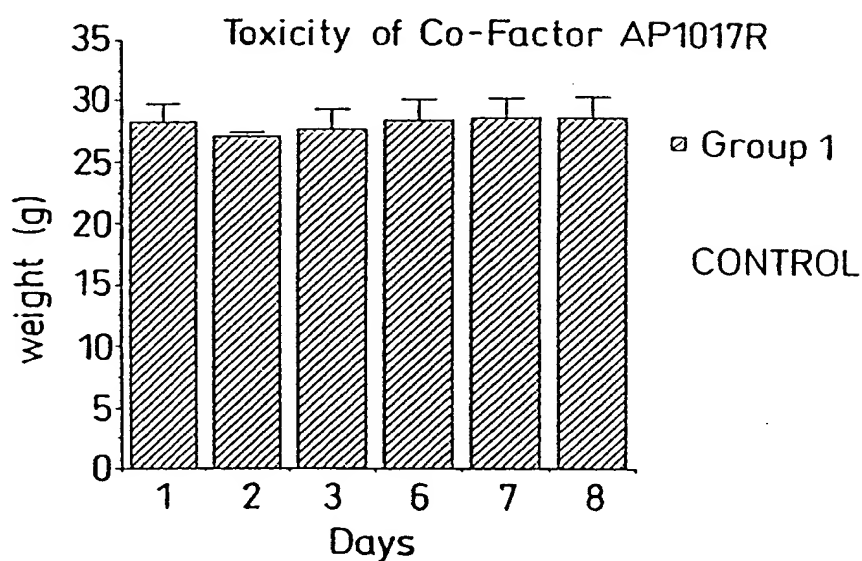
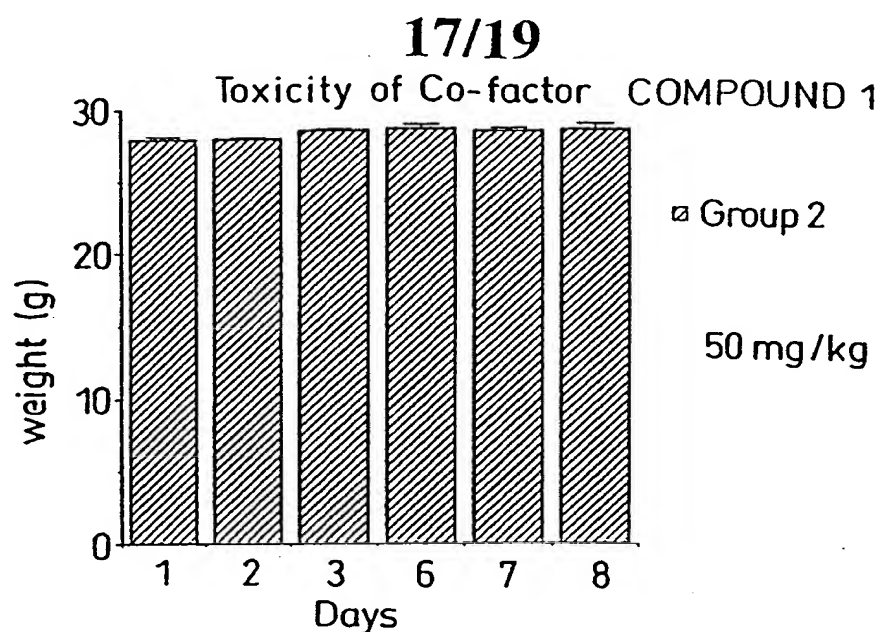


Fig. 14

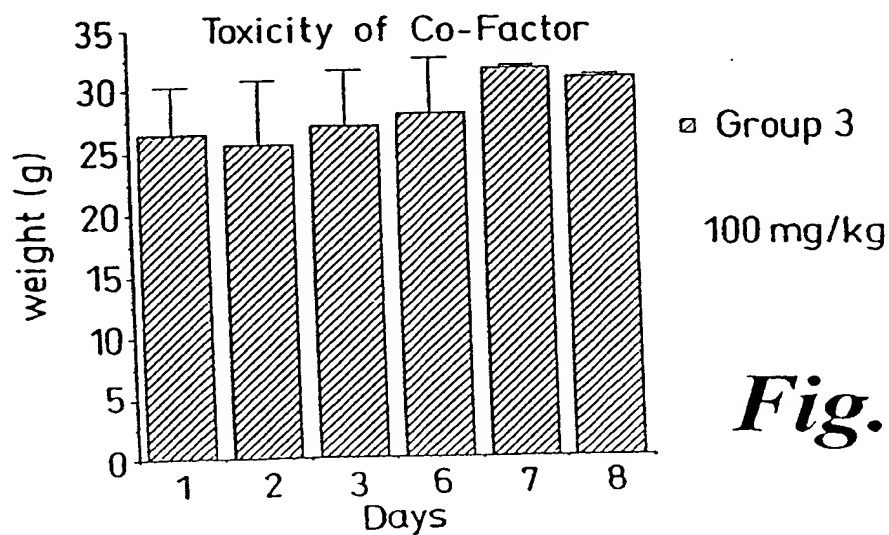
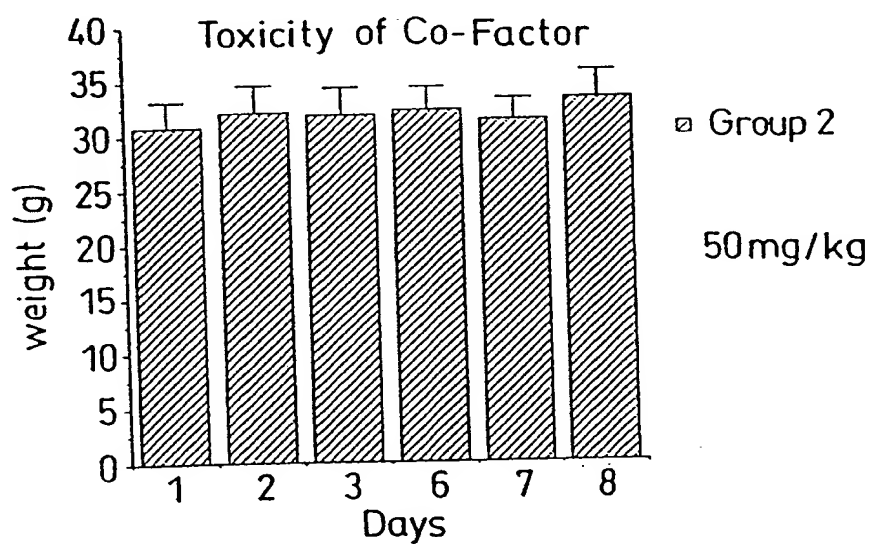
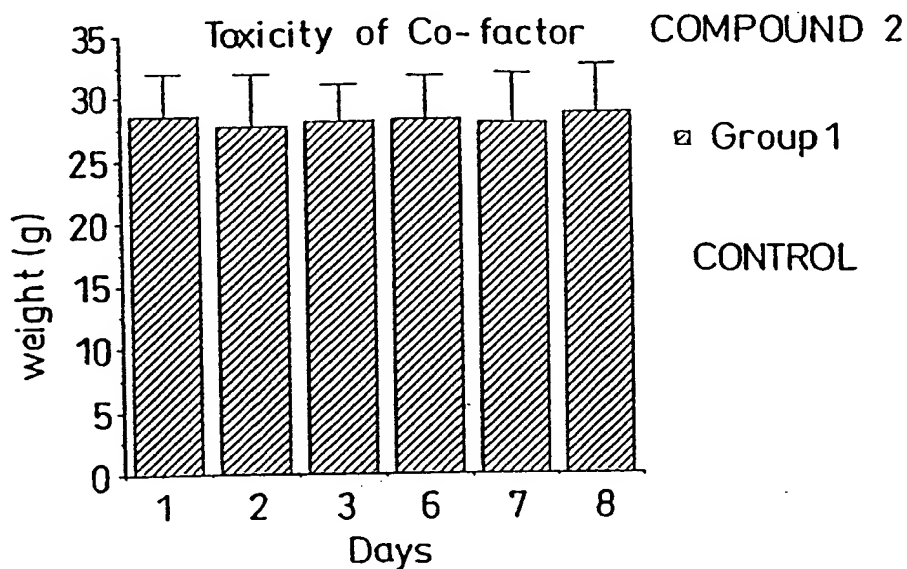
16/19

*Fig. 15*

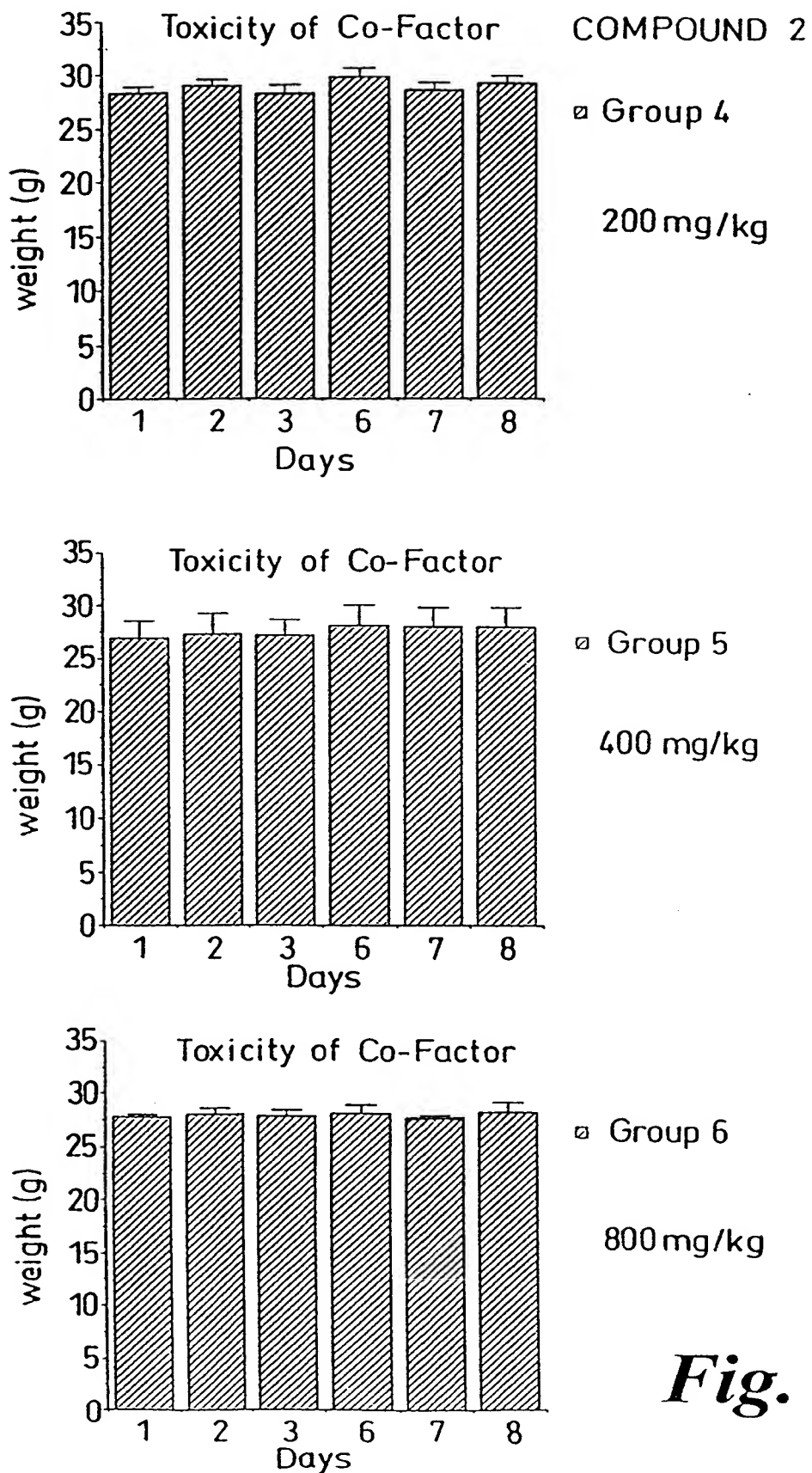


**Fig. 16**

18/19

**Fig. 17**

19/19

**Fig. 18**